Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019705.D
Acq On : 14 Feb 2024 17:13
Operator : MA/JU
Sample : P1461-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 17:49:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	61825	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	224507	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	141258	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	325965	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	353333	20.000	ng		0.00
86) Perylene-d12	23.804	264	444319	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	332927	86.802	ng		-0.01
7) Phenol-d6	7.075	99	420204	81.252	ng		-0.01
23) Nitrobenzene-d5	9.069	82	288843	55.749	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	221451	107.372	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	658918	57.666	ng		-0.02
79) Terphenyl-d14	19.857	244	1173397	54.614	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	52168	35.303	ng		99
3) Pyridine	3.775	79	135619	33.851	ng		97
4) n-Nitrosodimethylamine	3.699	42	70314	40.312	ng		95
6) Aniline	7.234	93	120753	24.030	ng		99
8) 2-Chlorophenol	7.464	128	164200	41.699	ng		97
9) Benzaldehyde	7.052	77	37554m	10.357	ng		
10) Phenol	7.099	94	203061	39.395	ng		96
11) bis(2-Chloroethyl)ether	7.340	93	153552	38.291	ng		99
12) 1,3-Dichlorobenzene	7.787	146	192376	39.926	ng		98
13) 1,4-Dichlorobenzene	7.940	146	193404	39.619	ng		98
14) 1,2-Dichlorobenzene	8.252	146	185254	39.222	ng		97
15) Benzyl Alcohol	8.152	79	163354m	39.532	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	147306	36.734	ng		96
17) 2-Methylphenol	8.352	107	137026	39.487	ng		99
18) Hexachloroethane	8.969	117	71608	37.844	ng		100
19) n-Nitroso-di-n-propyla...	8.716	70	127506	36.095	ng		98
20) 3+4-Methylphenols	8.681	107	185726	39.216	ng		97
22) Acetophenone	8.734	105	251404	39.307	ng	#	98
24) Nitrobenzene	9.116	77	197283	37.818	ng		96
25) Isophorone	9.640	82	344009	38.125	ng		99
26) 2-Nitrophenol	9.822	139	87796	44.139	ng		94
27) 2,4-Dimethylphenol	9.881	122	116208	45.690	ng		100
28) bis(2-Chloroethoxy)met...	10.128	93	195976	38.387	ng		100
29) 2,4-Dichlorophenol	10.352	162	164091	42.679	ng		96
30) 1,2,4-Trichlorobenzene	10.563	180	191958	40.720	ng		97
31) Naphthalene	10.752	128	489957	39.791	ng		99
32) Benzoic acid	10.022	122	109635	44.242	ng		98
33) 4-Chloroaniline	10.875	127	48225	10.590	ng		97
34) Hexachlorobutadiene	11.022	225	138647	39.689	ng		98
35) Caprolactam	11.669	113	50348	46.258	ng		96
36) 4-Chloro-3-methylphenol	11.999	107	177533	42.348	ng		99
37) 2-Methylnaphthalene	12.363	142	339559	39.848	ng		100
38) 1-Methylnaphthalene	12.581	142	323366	38.616	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	234916	43.121	ng		99
41) Hexachlorocyclopentadiene	12.693	237	263913	107.236	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	147534	44.724	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	162899	44.971	ng	98
46) 1,1'-Biphenyl	13.375	154	459305	40.739	ng	98
47) 2-Chloronaphthalene	13.416	162	372284	40.226	ng	99
48) 2-Nitroaniline	13.628	65	113755	43.957	ng	96
49) Acenaphthylene	14.257	152	595408	45.856	ng	99
50) Dimethylphthalate	14.010	163	469935	43.457	ng	99
51) 2,6-Dinitrotoluene	14.128	165	103847	43.710	ng	99
52) Acenaphthene	14.598	154	333283	41.357	ng	99
53) 3-Nitroaniline	14.457	138	64696	29.631	ng	96
54) 2,4-Dinitrophenol	14.669	184	121013	98.100	ng	96
55) Dibenzofuran	14.940	168	572521	43.620	ng	99
56) 4-Nitrophenol	14.769	139	176105	98.404	ng	95
57) 2,4-Dinitrotoluene	14.916	165	148540	47.710	ng	99
58) Fluorene	15.587	166	457526	43.766	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	153145	50.263	ng	97
60) Diethylphthalate	15.375	149	465279	43.258	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	256513	43.657	ng	97
62) 4-Nitroaniline	15.622	138	104543	45.679	ng	96
63) Azobenzene	15.881	77	429478	41.292	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	84298	45.354	ng	96
66) n-Nitrosodiphenylamine	15.804	169	402514	41.231	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	169454	41.584	ng	97
68) Hexachlorobenzene	16.587	284	195283	41.038	ng	96
69) Atrazine	16.769	200	164160	50.675	ng	98
70) Pentachlorophenol	16.939	266	273494	92.290	ng	99
71) Phenanthrene	17.334	178	752938	43.892	ng	99
72) Anthracene	17.428	178	761289	44.487	ng	100
73) Carbazole	17.704	167	679191	43.689	ng	100
74) Di-n-butylphthalate	18.263	149	780391	41.517	ng	100
75) Fluoranthene	19.304	202	978673	46.701	ng	100
77) Benzidine	19.492	184	378556	51.246	ng	99
78) Pyrene	19.657	202	1026862	41.179	ng	99
80) Butylbenzylphthalate	20.545	149	365574	39.256	ng	98
81) Benzo(a)anthracene	21.375	228	1086860	43.698	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	316001	34.866	ng	99
83) Chrysene	21.427	228	1018670	43.139	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	515694	36.366	ng	99
85) Di-n-octyl phthalate	22.257	149	930191	37.283	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1502582	44.179	ng	98
88) Benzo(b)fluoranthene	23.069	252	1169974	41.780	ng	99
89) Benzo(k)fluoranthene	23.122	252	1128216	42.177	ng	99
90) Benzo(a)pyrene	23.698	252	1094921	43.943	ng	99
91) Dibenzo(a,h)anthracene	26.363	278	1203623	43.029	ng	97
92) Benzo(g,h,i)perylene	27.110	276	1189498	41.916	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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